

## **Historic, archived document**

Do not assume content reflects current scientific knowledge, policies, or practices.



U.S. Department of Agriculture • Foreign Agricultural Service • Washington, D.C.

# foreign agriculture circular

SOO. REC. 255  
CTR. USDA  
LIBRARY

DEC 18 1978

RECEIVED

cocoa

Approved by the World Food and Agricultural Outlook and Situation Board • USDA

FCB 2-78

November 1978

## SMALLER WORLD COCOA BEAN CROP FORECAST FOR 1978/79

### Summary

World cocoa bean production for the 1978/79 (October-September) season is forecast at 1.40 million metric tons, about 5 percent below the 1977/78 harvest of 1.48 million tons. Based on past performance, the chances are two out of three that the actual final outturn will not vary more than 5.5 percent from this first estimate of world production.

The smaller harvest this season reflects less favorable growing conditions in the principal producing areas of West Africa and Brazil. African production is forecast at 861,500 tons, 5.5 percent below the 1977/78 outturn of 911,600 tons, and the South American harvest is estimated at 377,900 tons, nearly 7 percent lower than the 405,900 tons of a year ago. A slight increase is forecast for North America to 97,400 tons from 95,500 tons in 1977/78, and production in Asia and Oceania is also expected to be moderately higher at 67,900 tons, compared with the 1977/78 crop of 63,800 tons.

World cocoa bean grindings in 1979 are expected to approximate the low 1978 and 1977 levels of about 1.36 million and 1.37 million tons, respectively. Thus, if production forecasts are realized, a slight world stock buildup in 1979 is possible, following a 105,000-ton stock increase in 1978. Although current high price levels have largely discounted the lower production prospects for 1978/79, prices are likely to turn downward in the coming months, as supplies from the new crops reach the terminal markets.

New York cocoa bean prices (the average of the nearest three active futures trading months on the New York Cocoa Exchange) in September averaged \$3.72 per kilogram (\$1.69 per pound), up from \$3.32

per kilogram (\$1.51 per pound) in August and \$3.14 per kilogram (\$1.43 per pound) in July. Prices during October averaged \$3.75 per kilogram (\$1.70 per pound).

Preliminary data indicate that 1977 producer export earnings from cocoa beans and products approximated \$4 billion, compared with 1976 revenues of \$2.1 billion and \$1.94 billion in 1975. Exports earnings will again be at high levels in 1978.

The International Cocoa Agreement (ICA), which will expire on September 30, 1979, will likely be renegotiated under the auspices of UNCTAD in Geneva, in January 1979. The United States is not a member of the current ICA, but will participate in the negotiation of a new agreement.

### Major Producers

#### Africa

**Ghana.** Weather conditions for development of the 1978/79 Ghanaian main crop have not been favorable, and it is expected that the harvest will be virtually completed by the end of December, about a month earlier than usual. Thus, total recorded purchases by the Ghana Cocoa Marketing Board for the 1978/79 season are forecast to reach only 255,000 tons, but could be higher if the movement of contraband cocoa to the neighboring countries of the Ivory Coast and Togo is curtailed.

Purchases during the 1977/78 season amounted to only 271,000 tons, and were the lowest since the 1958/59 outturn of 259,600 tons. It has been estimated that 20,000 to 45,000 tons of cocoa beans were smuggled out of the country during the 1977/78 season, mostly to the Ivory Coast. Other factors contributing to the small harvest were poor growing conditions and the lack of good cultural practices, such as spraying for capsids, pruning, and weeding.

The decline in Ghana's production in recent years has also been the result of increased emphasis placed on food production by cocoa farmers because of low cocoa producer prices, as well as the rural-to-urban migration of farmers and workers. In addition, any increase in output from current renovation programs and new plantings is being offset by the decline in productivity of older trees.

In efforts to stem the decline in production, the Government has doubled the producer price to 80 cedis per 30 kilograms (equivalent to about 44.1 U.S. cents per pound at current exchange rates) from 40 cedis paid to growers during the 1977/78 season. However, because of the recent devaluation of the cedi and because of the current high rate of inflation (estimated to have been close to 150 percent in 1977), it is doubtful that the new grower price will be sufficient to reduce smuggling and to foster increased production to any large degree. The 1977/78 grower price was equivalent to 52.6 U.S. cents per pound prior to devaluation.

The Government has recently initiated a mass spraying program in the Brong-Ahafo and Ashanti regions in efforts to reduce capsid and other insect damage to the cocoa trees. This action has come too late to help the current main crop harvest, but will likely prove beneficial for next year's crop.

Foreign exchange earnings from the sale of the 1977/78 crop were estimated to have been in excess of \$800 million. Earnings from 1978/79 sales are forecast to fall between \$700 million and \$800 million.

**Ivory Coast.** Ivoirian purchases are forecast to reach 275,000 tons, down slightly from last year's record harvest of 282,000 tons. Weather conditions, although drier than normal, have been better than in Ghana, and the trees are in relatively good condition. Increased productivity of the young trees and new plantings coming into bearing, will offset to a large degree effects of less favorable growing conditions this season. However, purchases could be lower, if there is tighter border control over contraband cocoa from Ghana.

The producer price will remain unchanged from last season's level of 250 CFA per kilogram (about 49.1 U.S. cents per pound). Prices paid to farmers during the 1976/77 season were equivalent to about 33.3 U.S. cents per pound. Grinding capacity in the Ivory Coast increased to 100,000 tons annually with the addition of the PROCASI factory in 1977. However, during the 1977/78 season all factories were supplied with only 67,000 tons because of emphasis on cocoa bean exports rather than products.

The Ivory Coast continues to make plantings and open new areas to cocoa cultivation. Given favorable weather, production could reach 300,000 tons by 1979/80.

Cocoa bean exports in 1977 totaled 158,491 tons, down from 191,409 tons a year earlier. Cocoa butter shipments amounted to 11,211 tons, compared with 1976 exports of 12,113 tons; cocoa powder exports were 1,651 tons, off slightly from the year-ago level of 1,765 tons. However, exports of cocoa and chocolate mass more than doubled to 15,156 tons from 7,400 tons in 1976. Because of the record 1977/78 crop, exports of cocoa beans and products should be significantly higher in 1978.

**Nigeria.** Nigerian production for 1978/79 is forecast at 175,000 tons, 14 percent below the 1977/78 harvest of 203,000 tons. As in Ghana, early harvest completion is anticipated.

Producer prices will likely remain unchanged from last season's level of 1,030 Naira per ton (about 71 U.S. cents per pound). Although this is the highest price paid among the major West African producing countries, inflation in Nigeria continues at a high rate and farm workers still are migrating to the cities for more remunerative wages.

Further compounding Nigeria's cocoa industry problems has been shipping difficulties caused by port congestion, which has resulted in persistent delays in shipments and frequent declarations of "force majeure." Because to this situation, several U.S. chocolate manufacturers have either discontinued buying, or have reduced purchases, of Nigerian cocoa.

**Cameroon.** Production is forecast to approximate the 1977/78 harvest of 105,000 tons. Producer prices for Grades 1 and 2 cocoa beans have been increased to 260 CFA per kilogram (51.1 U.S. cents per pound) from 220 CFA per kilogram (43.2 U.S. cents per pound) paid last season.

Exports of cocoa cake in 1977 totaled 11,173 tons, cocoa butter 6,909 tons, and chocolate 2,906 tons. Provisional data show 1977 cocoa bean exports at 56,843 tons, with the Netherlands taking 48,926 tons, West Germany 2,404 tons, France 2,843 tons, and Italy 1,561 tons.

## South America

**Brazil.** Production is forecast at 250,000 tons, 11 percent below the record 1977/78 outturn of 281,000 tons. Less favorable growing conditions have reduced the (October-April) 1978/79 Bahia main crop prospects to 1.5 million bags (90,000 tons), compared with the 1977/78 main crop of 1.887 million bags (113,220 tons). The 1979 (May-September) Bahia temporao crop is provisionally forecast at around 2.3 million bags (138,000 tons), compared with the bumper 1978 temporao harvest of 2.5 million bags (150,000 tons). Production in other Brazilian cocoa areas usually amounts to 300,000 bags (18,000 tons).

The Cocoa Growers' Central Cooperative (COPER-CACAU) of Bahia is planning to build a 500,000-bag (30,000 tons) annual capacity cocoa processing factory at Ilheus. This new facility is scheduled to open by 1982 and will produce cocoa butter, cake, and liquor. The French group CACAO BARRY will provide partial financing and technical assistance. Total Brazilian grinding capacity will be increased to around 3 million bags (180,000 tons) when this new plant comes into operation.

Brazil's foreign exchange earnings derived from exports of cocoa beans and products in 1977 totaled a record \$774 million, more than double 1976 sales of \$357 million. Export earnings during the first 6 months of 1978 totaled \$267 million.

**Ecuador.** Production is forecast at 74,000 tons, slightly above the 1977/78 crop of 72,000 tons. Two new cocoa processing facilities are nearly ready to come on stream, one in November 1978, the other in January 1979. When these new plants are operational, Ecuador's total annual processing capacity will be approximately 124,000 tons, which is well above current production levels. The Government has restricted the exportation of cocoa beans to 25 percent of national production in order to provide more supplies for the domestic processing industry.

Preliminary data place 1977 exports of cocoa beans at 20,085 tons, valued at \$63.2 million, compared with 1976 exports of 22,236 tons, valued at \$32.5 million. The Netherlands was the leading recipient of 1977 shipments, taking 6,030 tons, followed by West Germany with 4,405 tons; the United States 3,390 tons; and the USSR with 1,250 tons.

Ecuador's exports of cocoa products in 1977, with 1976 data in parentheses, were as follows: cocoa butter 2,774 tons, \$13.5 million (2,526 tons, \$9.3 million); chocolate liquor 33,539 tons, \$148.9 million (21,775 tons, \$47 million); cocoa cake and powder 3,389 tons, \$14.5 million (2,948 tons, \$2.9 million); and chocolate products 938 tons, \$3.6 million (861 tons, \$1.5 million).

## Asia and Oceania

**Malaysia.** Reflecting new plantings coming into bearing, 1978/79 production in Malaysia is forecast at a record 27,000 tons, and is expected to reach 30,000 tons for the 1979/80 season. Intercropping of cocoa with coconuts has proven profitable, and the Government is planning to continue to expand production.

A M\$30-million cocoa project is to be undertaken in the State of Sabah, which will involve the development of over 6,000 hectares for cocoa and is to be completed by 1985. In addition, the Sarawak State Government has announced that an additional 3,200 hectares of cocoa will be planted from virgin lands. The Malaysian Government has a target of 243,000 hectares of cocoa by the year 2000.

A M\$5-million cocoa processing plant is to be built in Lower Perak. The new facility will produce cocoa butter and cake for export. Currently Malaysian cocoa beans are sold at a 6-10 percent discount from West African origins because of high acidity content. The Government is working to correct this problem by improving fermentation methods, and reportedly some progress have been made.

## Major Importers

World cocoa bean grindings in 1977 were estimated at about 1.37 million tons, 10 percent below 1976 grindings of 1.52 million tons. Grindings in 1978 are estimated to reach 1.36 million tons and are expected to remain at low levels in 1979. Continuation of relatively high prices for cocoa beans and expanded use of substitutes and extenders are largely responsible for the reduced grind levels.

Cocoa bean grindings for specified consuming countries for the first 9 months of 1977 and 1978, and 1977 annual data are as follows:

Country	January-September		Change	Annual 1977
	1977	1978		
	MT	MT	Percent	MT
United States	144,289	117,391	-18.6	183,707
Germany, West	101,106	104,802	+ 3.7	142,293
Netherlands	93,530	92,150	-1.5	126,120
United Kingdom	58,900	55,910	-5.1	75,300
France	28,630	28,720	+ 0.3	36,315
Belgium	12,731	10,674	-16.2	16,842
Total	439,186	409,647	-6.7	580,577

Provisional data indicate world cocoa bean imports in 1977 at 1.01 million tons, 12 percent below 1976 imports of 1.14 million tons. The smaller imports reflect reduced world cocoa bean production in 1976/77 and the effect of increased grindings in origin countries. The United States remained the world's leading cocoa bean importer in 1977 with 174,903 tons, followed by West Germany with 150,534 tons; the Netherlands with 145,230 tons; and the United Kingdom with 79,874 tons.

Cocoa bean imports by the USSR in 1977 totaled

only 73,000 tons, well under the 1976 and 1975 levels of 134,000 and 155,777 tons, respectively. Cocoa bean imports in 1977 by East European nations and the USSR together amounted to about 180,000 tons, 27 percent below 1976 imports of 246,000 tons. Imports by West European countries in 1977 amounted to 559,235 tons, only slightly below 1976 imports of 564,716 tons.

U.S. imports of cocoa beans and products for the first 9 months of 1977 and 1978, and annual 1977 data, are as follows:

Item	January-September		Change	Annual 1977
	1977	1978		
	MT	MT	Percent	MT
Cocoa beans	156,296	157,520	+ 0.1	174,903
Chocolate, unsweetened	24,008	32,657	+ 36.0	36,401
Chocolate, sweetened	6,339	6,898	+ 8.8	9,117
Cocoa butter	14,140	18,421	+ 30.3	17,730
Cocoa, unsweetened	55,646	63,335	+ 13.8	69,351
Cocoa, sweetened	237	10	---	237
Confectioners coatings	203	241	+ 18.7	300
Candy & confectionery	7,991	9,076	+ 13.6	11,278
Total	264,860	288,158	+ 8.8	319,317

### International Developments

The International Cocoa Organization on July 28 announced its decision to renegotiate the International Cocoa Agreement (which will expire on September 30, 1979) under the auspices of UNCTAD in Geneva, in January 1979. In preparation for the January meeting, a preparatory committee will meet

October 10-20, and December 4-13, in London. If there has not been sufficient progress by the end of the December meeting to allow the renegotiation, the January 1979 meeting will be postponed.

Information in this circular was prepared by Rex E.T. Dull, Horticultural and Tropical Products Division, Commodity Programs, FAS, USDA (202) 447-6049.

**COCOA BEANS: PRODUCTION IN SPECIFIED COUNTRIES, 1973/74-1978/79 1/**  
(In thousands of metric tons)

Region and country	1973/74	1974/75	1975/76	1976/77	1977/78	Forecast 1978/79
<b>North America:</b>						
Costa Rica .....	6.5	6.6	5.8	7.8	9.0	10.0
Cuba .....	2.0	2.0	2.0	2.0	2.0	2.0
Dominican Republic .....	37.0	33.0	34.0	33.0	34.0	35.0
Grenada .....	2.5	2.4	2.9	2.7	2.5	2.5
Guatemala .....	.8	.8	.8	.8	.8	.8
Haiti .....	3.0	3.0	3.0	3.0	3.0	3.0
Honduras .....	.3	.3	.3	.3	.3	.3
Jamaica .....	1.6	1.8	1.6	1.8	2.0	2.0
Mexico .....	30.0	32.7	33.0	24.1	36.0	36.0
Nicaragua .....	.5	.5	.5	.5	.5	.4
Panama .....	.5	.7	.5	.5	.5	.5
Trinidad and Tobago .....	3.6	5.1	2.4	4.0	4.5	4.5
Others 2/ .....	.4	.4	.4	.4	.4	.4
Total .....	88.7	89.3	87.2	80.9	95.5	97.4
<b>South America:</b>						
Bolivia .....	2.4	2.7	2.7	2.7	2.8	2.8
Brazil .....	245.5	266.6	257.4	234.0	281.0	250.0
Colombia .....	23.0	25.0	26.0	28.0	30.0	32.0
Ecuador .....	72.0	75.0	64.0	68.0	72.0	74.0
Peru .....	2.0	2.0	2.0	2.0	2.0	2.0
Surinam .....	.1	.1	.1	.1	.1	.1
Venezuela .....	19.1	17.3	19.3	16.6	18.0	17.0
Total .....	364.1	388.7	371.5	351.4	405.9	377.9
<b>Africa:</b>						
Angola .....	.5	.4	.2	.2	.2	.2
Cameroon .....	109.9	117.8	96.0	84.5	105.0	107.0
Comoro Islands .....	.1	.1	.1	.1	.1	.1
Congo .....	2.0	2.6	2.5	2.5	2.5	2.5
Equatorial Guinea .....	12.0	12.0	12.0	5.0	5.0	5.0
Gabon .....	5.0	5.0	5.0	4.0	4.0	4.0
Ghana .....	353.0	375.0	397.0	325.0	271.0	255.0
Ivory Coast 3/ .....	208.5	241.5	231.1	232.4	282.0	275.0
Liberia .....	3.2	2.8	2.8	3.0	3.0	3.0
Madagascar .....	1.2	1.4	1.6	1.8	1.9	1.8
Nigeria 4/ .....	218.0	213.0	217.0	165.0	203.0	175.0
Sao Tome and Principe .....	10.0	8.0	6.0	6.0	6.0	6.0
Sierra Leone .....	7.7	4.7	6.1	6.3	5.5	6.0
Tanzania .....	.7	.7	.8	.8	.8	.8
Togo 3/ .....	16.5	14.5	17.8	15.0	17.0	16.0
Uganda .....	.2	.1	.1	.1	.1	.1
Zaire .....	6.0	6.0	5.0	5.0	4.5	4.0
Total .....	954.5	1,005.6	1,001.1	856.7	911.6	861.5
<b>Asia and Oceania:</b>						
Indonesia .....	3.5	3.9	3.7	4.6	4.6	4.7
Malaysia .....	11.0	13.0	16.0	20.0	24.0	27.0
New Hebrides .....	.6	.6	.7	.7	.7	.7
Papua New Guinea .....	31.0	33.3	31.3	27.8	28.0	29.0
Philippines .....	4.1	3.6	3.3	3.5	3.5	3.5
Sri Lanka .....	1.5	1.5	1.0	1.5	1.5	1.5
Western Samoa .....	1.7	1.5	1.6	1.5	1.5	1.5
Total .....	53.4	57.4	57.6	59.6	63.8	67.9
<b>Grand total .....</b>	<b>1,460.7</b>	<b>1,541.0</b>	<b>1,517.4</b>	<b>1,348.6</b>	<b>1,476.8</b>	<b>1,404.7</b>

1/ Estimates refer to an October-September crop year. 2/ Includes Dominica, St. Lucia, Guadeloupe, and Martinique. 3/ Includes some cocoa marketed from Ghana. 4/ Includes cocoa marketed through Benin.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source material, reports of Agricultural Attaches and Foreign Service Officers, results of office research and related information.

October 1978

Commodity Programs, FAS, USDA

## WORLD COCOA BEAN SUPPLY--DEMAND AND APPARENT STOCK CHANGE, 1949/50-1977/78

Oct-Sept. season	Production <u>1/</u>		Grind <u>2/</u>	Apparent	New York spot
	Gross	Net		stock change	Accra cocoa bean prices <u>3/</u>
	1,000 metric tons			cents/lb	
1949/50.....	768	760	789	-29	29.0
1950/51.....	806	798	756	+42	36.7
1951/52.....	647	641	726	-85	35.2
1952/53.....	809	801	809	-8	34.2
1953/54.....	786	778	744	+34	56.5
1954/55.....	786	778	731	+47	41.4
1955/56.....	836	828	837	-9	28.8
1956/57.....	898	889	919	-30	27.2
1957/58.....	761	753	858	-105	43.5
1958/59.....	899	890	874	+16	38.0
1959/60.....	1,043	1,033	931	+102	29.9
1960/61.....	1,164	1,152	1,026	+126	23.5
1961/62.....	1,125	1,114	1,120	-6	21.9
1962/63.....	1,162	1,150	1,154	-4	23.9
1963/64.....	1,239	1,227	1,194	+33	24.1
1964/65.....	1,491	1,476	1,340	+136	18.4
1965/66.....	1,220	1,208	1,388	-180	23.1
1966/67.....	1,336	1,323	1,386	-63	27.5
1967/68.....	1,352	1,338	1,410	-72	30.9
1968/69.....	1,236	1,224	1,353	-129	45.1
1969/70.....	1,423	1,409	1,357	+52	37.3
1970/71.....	1,493	1,478	1,439	+39	29.2
1971/72.....	1,572	1,556	1,567	-11	29.0
1972/73.....	1,406	1,392	1,557	-165	55.5
1973/74.....	1,461	1,446	1,478	-32	91.2
1974/75.....	1,541	1,526	1,463	+63	82.7
1975/76.....	1,517	1,502	1,523	-21	92.0
1976/77.....	1,349	1,336	1,370	-34	189.8
1977/78.....	1,477	1,462	1,357	+105	(4/)

1/ FAS data. An adjustment of 1 percent for loss in weight is made to arrive at a net production figure. 2/ Gill & Duffus data. Calendar year grind, refers to last year of crop year. 3/ Average for October-September year. 4/ Not quoted.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source material, reports of Agricultural Attaches and Foreign Service Officers, results of office research and related information.

October 1978

Commodity Programs, FAS, USDA

COCOA BEANS: EXPORTS BY SPECIFIED COUNTRIES, 1977 WITH COMPARISONS  
(In metric tons)

Continent and country	1972	1973	1974	1975	1976	1977 1/
<b>Africa:</b>						
Angola .....	533	418	654	362	2/ 200	2/ 200
Benin (Dahomey) .....	12,320	15,291	4,115	1,560	2/ 1,000	2/ 1,500
Cameroon .....	81,598	84,181	88,929	72,474	68,612	56,843
Comoro Islands .....	50	19	38	2/ 15	2/ 15	2/ 20
Congo .....	2,036	1,686	1,219	2,652	2/ 2,600	2/ 2,500
Equatorial Guinea .....	21,615	6,416	9,030	2/ 3,000	2/ 7,000	2/ 5,000
Gabon .....	4,046	3,425	4,500	3,936	3,889	3,640
Ghana .....	412,221	373,806	313,894	322,225	325,555	249,793
Ivory Coast .....	159,367	143,006	205,300	167,524	191,409	158,491
Liberia .....	3,184	2,425	3,284	3,163	2,513	2,249
Madagascar .....	1,061	1,046	1,138	1,246	1,652	1,567
Nigeria .....	227,535	213,897	197,125	194,692	222,966	154,610
Sao Tome & Principe ..	12,072	11,824	9,780	5,188	5,605	6,071
Sierra Leone .....	7,028	7,931	5,933	5,567	5,790	5,454
Tanzania .....	533	565	665	618	658	2/ 675
Togo .....	27,094	17,665	15,850	16,183	16,558	12,377
Uganda .....	105	146	205	91	123	2/ 100
Zaire .....	5,962	5,234	4,376	5,305	4,586	4,589
Total .....	978,360	888,981	866,035	805,801	860,731	665,679
<b>Latin America:</b>						
Brazil .....	102,256	82,774	129,865	176,628	128,838	107,624
Costa Rica .....	6,054	4,749	4,369	5,090	4,180	5,100
Dominica .....	121	2/ 100	2/ 100	2/ 100	2/ 100	2/ 100
Dominican Republic ...	32,218	23,041	26,424	22,291	24,496	25,591
Ecuador .....	45,417	30,003	68,911	37,822	22,236	20,085
Grenada .....	2,672	2,322	2,628	2,192	2,962	2/ 2,700
Guadeloupe .....	20	5	15	10	2/ 10	2/ 10
Guatemala .....	360	425	640	587	687	2/ 675
Haiti 3/ .....	1,940	1,279	1,701	1,932	1,543	1,400
Honduras .....	113	143	266	172	237	2/ 225
Jamaica .....	2,006	1,485	1,392	1,626	1,398	1,608
Mexico .....	14,821	7,283	2,896	3,059	4,263	4,732
Nicaragua .....	340	148	412	371	471	2/ 400
Panama .....	461	452	453	673	2/ 500	352
St. Lucia .....	220	89	129	102	106	94
St. Vincent .....	2/ 20	2/ 20	12	10	6	11
Surinam .....	52	10	20	38	2/ 25	2/ 25
Trinidad and Tobago ..	4,957	3,429	3,803	4,821	2,982	3,168
Venezuela .....	11,641	9,941	11,466	13,569	7,622	7,395
Total .....	225,689	167,698	255,502	271,093	202,662	181,295
<b>Asia and Oceania:</b>						
Indonesia .....	1,348	552	1,089	1,115	1,338	1,973
Malaysia .....	4,329	6,540	9,725	11,730	14,751	2/ 18,000
New Hebrides .....	332	828	509	564	648	873
Papua New Guinea .....	26,457	22,604	34,017	30,473	31,344	29,428
Sri Lanka .....	1,420	1,138	1,028	1,075	660	1,248
Western Samoa .....	1,746	983	1,559	1,346	1,662	2,020
Total .....	35,632	32,645	47,927	46,303	50,403	53,542
Grand total .....	1,239,681	1,089,324	1,169,464	1,123,197	1,113,796	900,516

1/ Preliminary. 2/ Estimated. 3/ Data based on U.S. imports.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source material, reports of Agricultural Attaches and Foreign Service Officers, results of office research and related information.

October 1978

Commodity Programs, FAS, USDA

IVORY COAST: EXPORTS OF COCOA BEANS AND PRODUCTS BY COUNTRY  
OF DESTINATION, 1976 AND 1977  
(In metric tons)

Country of Destination:	Cocoa beans		Cocoa butter		Cocoa powder 1/		Cocoa mass 2/	
	1976	1977	1976	1977	1976	1977	1976	1977
Western Europe:								
Belgium .....	4,353	1,675	---	---	---	---	---	---
Denmark .....	200	50	---	---	---	---	---	---
France .....	19,310	15,369	2,634	3,484	---	---	2,966	10,504
Germany, F.R. ....	21,899	7,339	---	30	---	---	---	---
Greece .....	---	300	---	---	---	---	---	---
Iceland .....	150	25	---	---	---	---	---	---
Italy .....	5,731	1,777	100	---	---	---	72	917
Netherlands .....	75,624	75,454	300	---	100	---	234	187
Portugal .....	---	174	---	---	---	---	---	---
Spain .....	3,684	4,454	---	---	---	---	---	---
United Kingdom .....	4,031	7,433	50	48	12	150	---	290
Yugoslavia .....	2,377	1,551	100	---	---	---	---	---
Total .....	137,359	115,601	3,184	3,562	112	150	3,272	11,898
Eastern Europe & USSR:								
Bulgaria .....	1,001	1,001	---	---	---	---	---	---
Czechoslovakia .....	1,101	1,710	---	---	---	---	---	---
German D. R. ....	---	200	---	---	---	---	---	---
Poland .....	6,732	5,355	---	---	---	---	---	---
USSR .....	7,276	3,406	---	650	---	---	---	---
Total .....	16,110	11,672	---	650	---	---	---	---
Other:								
Algeria .....	95	---	---	---	---	---	---	---
Australia .....	---	---	---	---	---	---	216	---
Cameroon .....	---	600	---	---	60	120	---	---
Canada .....	501	---	200	210	---	---	234	---
Colombia .....	---	---	---	---	---	---	---	54
Japan .....	325	100	135	270	---	---	---	---
Nigeria .....	---	---	---	---	---	---	---	150
Panama .....	---	---	---	198	---	---	---	---
South Africa .....	(3/)	1,400	---	---	---	---	---	421
Togo .....	125	---	---	---	---	---	---	---
Tunisia .....	450	200	---	---	---	---	---	---
United States .....	31,807	28,822	8,589	6,321	1,563	1,367	3,678	2,612
Zaire .....	275	---	---	---	---	---	---	---
Not specified .....	4,362	96	5	---	30	14	---	21
Grand total .....	191,409	158,491	12,113	11,211	1,765	1,651	7,400	15,156

1/ Unsweetened. 2/ Includes chocolate mass. 3/ Included in not specified.

Source: National foreign trade statistics of the Ivory Coast.

October 1978

Commodity Programs, FAS, USDA

COCOA BEANS: IMPORTS BY SPECIFIED COUNTRIES, 1977 WITH COMPARISONS  
(In metric tons)

Continent and country	1972	1973	1974	1975	1976	1977 1/
North America:						
Canada .....	21,240	15,789	13,176	10,930	12,375	11,186
United States .....	286,687	252,027	224,620	236,764	239,157	174,903
Total .....	307,927	267,816	237,796	247,694	251,532	186,089
Latin America:						
Argentina .....	6,905	6,734	10,187	8,815	5,035	2/ 5,000
Chile .....	999	1,160	1,052	2/ 900	2/ 900	2/ 800
Colombia .....	8,085	5,980	6,853	4,076	475	2/ 500
El Salvador .....	391	2/ 400	2/ 350	333	391	2/ 375
Peru .....	2,697	640	969	2/ 1,000	2/ 1,000	2/ 700
Uruguay .....	550	2/ 500	2/ 500	2/ 525	2/ 500	2/ 500
Total .....	19,627	15,414	19,911	15,649	8,301	7,875
Western Europe:						
Austria .....	14,940	13,563	11,677	11,941	11,577	9,583
Belgium .....	21,401	19,013	17,831	16,296	16,584	15,675
Denmark .....	5,155	3,513	2,925	3,291	3,510	2,797
Finland .....	2,760	2,389	2,834	2,771	2,348	2,087
France .....	45,321	42,046	37,936	38,209	43,101	42,180
Germany, F.R. ....	142,286	151,605	151,969	160,699	149,660	150,534
Greece .....	5,750	5,438	4,047	4,827	4,846	3,805
Iceland .....	80	81	76	86	75	2/ 50
Ireland .....	8,325	10,926	9,842	7,555	7,880	5,543
Italy .....	40,573	42,928	36,348	29,366	35,396	26,366
Netherlands .....	122,365	119,083	115,456	124,190	128,699	145,230
Norway .....	6,187	4,824	4,527	5,198	5,093	5,106
Portugal .....	3,641	3,585	2,626	2,751	2,573	1,089
Spain .....	35,376	35,301	34,544	44,933	33,506	33,026
Sweden .....	7,441	5,138	4,569	5,322	6,752	5,107
Switzerland .....	16,065	18,291	16,345	13,925	14,756	15,370
United Kingdom .....	110,735	94,996	104,043	75,926	88,395	79,874
Yugoslavia .....	13,100	10,235	16,221	16,511	9,965	15,813
Total .....	601,501	582,955	573,816	563,797	564,716	559,235
Eastern Europe & USSR:						
Bulgaria .....	11,766	8,302	11,100	13,344	9,674	2/ 9,500
Czechoslovakia .....	20,255	18,845	18,350	21,962	19,232	17,303
German D.R. ....	21,726	19,216	20,655	22,961	21,089	21,530
Hungary .....	13,230	11,406	14,300	15,592	15,277	15,668
Poland .....	31,842	29,650	32,472	35,514	36,832	33,113
Romania .....	8,350	7,480	8,403	12,576	9,617	2/ 9,500
USSR .....	132,000	119,100	143,300	155,777	134,000	73,000
Total .....	239,169	213,999	248,580	277,726	245,721	179,614
Africa:						
Algeria .....	811	387	283	395	225	2/ 200
Egypt .....	218	111	719	2/ 1,300	1,419	755
Morocco .....	307	211	304	303	394	2/ 300
South Africa .....	6,756	5,110	5,313	7,733	4,888	3,081
Tunisia .....	475	300	501	450	2/ 460	2/ 200
Total .....	8,567	6,119	7,120	10,181	7,386	4,536
Asia and Oceania:						
Australia .....	17,176	13,064	19,031	12,486	13,691	19,072
China, People's Rep. 2/	1,640	8,960	4,210	10,000	3,304	3,000
India .....	658	988	672	648	2/ 650	2/ 650
Israel .....	1,322	526	1,850	1,501	1,463	1,329
Japan .....	35,894	38,930	25,481	29,326	33,226	30,083
Korea, Republic of ...	309	495	309	2/ 475	510	521
Lebanon .....	474	391	2/ 400	2/ 200	2/ 100	2/ 100
New Zealand .....	5,125	3,367	5,950	4,072	3,759	4,444
Philippines .....	4,795	2,684	3,325	2,830	3,611	3,859
Singapore .....	5,042	5,306	3,674	4,132	3,227	2/ 3,500
Syria .....	121	---	---	---	27	20
Turkey .....	1,830	1,191	1,055	2,066	1,837	1,136
Total .....	74,386	75,902	65,957	67,736	65,405	67,714
Grand total .....	1,251,177	1,162,205	1,153,180	1,182,783	1,143,061	1,005,063

1/ Preliminary. 2/ Imports estimated

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source material, reports of Agricultural Attaches and Foreign Service Officers, results of office research and related information.

COCOA BEANS: IMPORTS BY SPECIFIED COUNTRIES BY COUNTRY OF ORIGIN, 1977

(In metric tons)

Country of origin	United States	Netherlands	Germany F.R.	France	Switzerland	Belgium	United Kingdom	Japan	Canada
<b>Africa:</b>									
Cameroon .....	---	40,426	17,953	1,071	---	---	244	1	---
Congo, Brazzaville .....	---	483	470	878	---	25	---	---	---
Benin (Dahomey) .....	---	345	641	443	---	---	---	---	---
Equatorial Guinea .....	---	690	1,338	---	---	---	---	---	---
Gabon .....	---	1,883	1,919	305	---	---	---	---	---
Ghana .....	33,988	23,453	17,365	3,708	3,536	1,433	32,881	22,909	844
Ivory Coast .....	38,634	24,196	39,589	21,216	2,234	3,225	---	345	---
Liberia .....	564	909	844	---	---	---	---	---	---
Madagascar .....	---	---	342	1,225	---	---	---	---	---
Nigeria .....	20,746	20,393	22,836	7,145	3,927	1,048	28,141	148	14
Sao Tome and Principe .....	---	883	1,534	86	366	170	---	---	---
Sierra Leone .....	---	3,268	---	---	---	---	---	---	---
Togo .....	---	4,618	5,219	702	50	321	---	---	---
Zaire .....	---	1,815	1,393	233	2	1,146	---	---	---
Other .....	400	363	491	135	49	137	---	---	---
Total .....	94,332	123,725	111,934	37,147	10,164	7,505	61,266	23,403	858
<b>Latin America:</b>									
Brazil .....	26,271	13,370	16,632	514	1,350	63	---	2,682	1,036
Costa Rica .....	4,498	328	---	49	---	---	---	740	---
Dominican Republic .....	24,224	---	11	101	---	---	---	---	---
Ecuador .....	3,720	1,775	3,324	1,503	1,615	687	---	1,115	185
Venezuela .....	1,830	67	1,437	335	1,619	1,686	---	1,262	---
Other .....	11,780	880	2,932	379	379	688	2,224	86	508
Total .....	72,323	16,420	24,336	2,881	4,963	3,124	2,224	5,885	1,729
<b>Asia and Oceania:</b>									
Indonesia .....	122	428	622	80	167	52	---	10	---
Malaysia .....	346	1,928	7,793	20	25	376	455	463	---
Papua New Guinea .....	7,219	892	4,189	891	---	2,105	2,552	---	---
Other .....	425	197	1,569	966	48	75	---	322	325
Total .....	8,112	3,445	14,173	1,957	240	2,608	3,007	795	325
Not specified .....	136	1,640	91	195	3	2,438	13,377	---	8,274
Grand total .....	174,903	145,230	150,534	42,180	15,370	15,675	79,874	30,083	11,186

Source: National foreign trade statistics of the respective countries.

October 1978

Commodity Programs, FAS, USDA

NEW YORK COCOA BEAN FUTURES PRICES 1965-78 <sup>1/</sup>  
(In cents per pound)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1965	20.8	18.7	15.7	15.3	14.4	12.7	11.3	14.3	16.1	16.4	17.6	20.4
1966	21.3	21.1	21.8	23.3	22.8	23.4	25.8	25.7	22.3	22.6	21.9	24.5
1967	25.5	27.0	26.3	25.2	25.2	25.6	24.8	25.8	27.4	26.6	28.2	28.3
1968	28.8	27.3	27.3	27.6	27.2	26.7	27.2	28.6	34.2	36.5	42.3	44.7
1969	40.5	39.3	38.7	38.1	37.9	39.0	41.2	39.9	39.3	40.5	41.8	38.4
1970	33.4	29.5	29.6	28.8	26.2	25.7	27.7	32.7	33.1	31.4	29.6	28.6
1971	23.6	24.7	24.0	24.3	22.7	24.0	25.7	26.4	24.4	22.2	21.7	21.4
1972	23.8	24.5	25.9	26.0	27.4	27.3	28.9	30.3	32.2	32.7	32.1	32.7
1973	31.9	33.7	37.8	42.0	51.3	52.7	70.0	64.4	59.8	57.3	51.8	51.8
1974	51.3	60.0	70.4	85.5	86.4	75.4	79.6	79.0	80.0	82.6	76.0	64.9
1975	64.4	66.6	62.6	54.9	47.9	44.0	53.6	53.5	54.2	56.0	56.0	60.4
1976	63.0	65.7	65.6	75.9	82.7	89.8	90.3	97.3	110.7	117.7	135.3	137.0
1977	154.4	172.8	183.4	162.2	170.0	195.1	200.9	179.7	177.8	159.5	160.3	148.3
1978	131.2	128.9	153.9	153.5	140.6	134.6	142.6	150.8	168.6	170.3	-	-

<sup>1/</sup> Average of the daily closing price of the nearest three active futures trading months on the New York Cocoa Exchange.

Source: New York Journal of Commerce.

October 1978

Commodity Programs, FAS, USDA

## COCOA BEANS: U.S. IMPORTS BY COUNTRY OF ORIGIN

Country of origin	January-September			
	1977		1978	
(TSUSA No. 156.000)	Metric tons	1,000 dollars	Metric tons	1,000 dollars
Africa:				
Ghana .....	33,481	69,384	24,001	76,022
Ivory Coast .....	37,408	65,672	38,367	124,163
Liberia .....	411	960	762	2,787
Niger .....	---	---	596	1,831
Nigeria .....	19,304	49,952	23,391	64,880
South Africa .....	---	---	521	1,114
Zaire .....	---	---	26	70
Other .....	400	585	---	---
Total .....	91,004	186,553	87,664	270,867
Latin America:				
Argentina .....	---	---	180	641
Belize .....	---	---	3	11
Bolivia .....	20	44	---	---
Brazil .....	18,424	60,608	26,061	82,976
Canal Zone .....	---	---	41	122
Colombia .....	---	---	21	58
Costa Rica .....	3,640	13,082	2,792	10,047
Dominican Republic .....	22,522	81,174	21,812	65,651
Ecuador .....	3,547	11,382	5,244	16,058
El Salvador .....	41	128	14	45
French West Indies .....	34	94	18	72
Guatemala .....	1,905	6,703	2,071	6,447
Haiti .....	1,075	3,256	1,667	5,055
Honduras .....	180	598	210	662
Mexico .....	3,513	8,927	1,547	5,111
Nicaragua .....	200	635	158	543
Panama .....	379	1,385	680	2,080
Peru .....	925	1,702	1,027	2,932
Trinidad and Tobago .....	1,837	4,938	1,524	5,144
Venezuela .....	1,830	6,666	278	1,017
Total .....	60,072	201,322	65,348	204,672
Asia and Oceania:				
Indonesia .....	110	346	59	178
Laos .....	19	73	---	---
Malaysia .....	286	892	432	1,269
Papua New Guinea .....	4,421	15,364	3,197	11,340
Singapore .....	87	232	161	494
Western Samoa .....	241	702	157	623
Total .....	5,164	17,609	4,006	13,904
Europe:				
Germany, F.R. ....	20	12	1	2
Netherlands .....	36	99	1	2
United Kingdom .....	---	---	500	1,375
Total .....	56	111	502	1,379
Grand total .....	156,296	405,595	157,520	490,822

Source: U.S. Department of Commerce.

October 1978

Commodity Programs, FAS, USDA

## SPECIFIED COCOA PRODUCTS: U.S. IMPORTS BY COUNTRY OF ORIGIN

Country of origin	January-September			
	1977		1978	
	Metric tons	1,000 dollars	Metric tons	1,000 dollars
Chocolate, unsweetened: (TSUSA No. 156.2000)				
Bolivia .....	92	303	40	164
Brazil .....	11,391	42,090	15,983	65,539
Canada .....	413	1,600	544	2,529
Colombia .....	10	20	3	18
Dominican Republic .....	35	116	238	919
Ecuador .....	11,023	37,569	13,504	53,542
El Salvador .....	---	---	193	780
France .....	(1/)	1	236	545
Ghana .....	51	157	---	---
Germany, F.R. ....	57	136	---	---
Haiti .....	129	371	183	734
Ivory Coast .....	---	---	562	3,072
Mexico .....	376	1,212	100	456
Netherlands .....	104	392	196	840
Peru .....	---	---	442	1,527
Philippines .....	1	1	---	---
Singapore .....	---	---	2	11
Switzerland .....	1	4	4	19
United Kingdom .....	17	53	22	113
Venezuela .....	308	1,299	405	1,487
Total .....	24,008	85,324	32,657	132,295
Chocolate, sweetened, bars or blocks, not under 10 lb each: (TSUSA No. 156.2500)				
Argentina .....	---	---	1	5
Belgium .....	543	1,136	544	1,284
Canada .....	---	---	19	47
Germany, F.R. ....	5	2	1	3
Netherlands .....	36	81	18	47
Switzerland .....	365	780	730	2,053
Total .....	949	1,999	1,313	3,439
Chocolate, sweetened, n.e.s., edible as candy or confection: (TSUSA No. 156.3020)				
Argentina .....	13	22	---	---
Belgium .....	7	39	3	24
Brazil .....	---	---	40	47
Canada .....	1,092	2,616	765	2,401
Colombia .....	12	25	10	25
Czechoslovakia .....	7	28	6	26
Denmark .....	---	---	(1/)	2
Dominican Republic .....	41	61	---	---
France .....	6	21	63	210
Germany, F.R. ....	313	811	497	1,361
Greece .....	(1/)	1	(1/)	1
Israel .....	98	263	146	351
Italy .....	36	167	23	155
Japan .....	---	---	(1/)	1
Mexico .....	---	---	19	27
Netherlands .....	145	600	108	512
Norway .....	1	4	2	6
Poland .....	---	---	2	5
Portugal .....	---	---	4	15
Spain .....	---	---	(1/)	(2/)
Sweden .....	(1/)	1	2	6
Switzerland .....	133	452	160	793
Trinidad and Tobago .....	(1/)	1	---	---
United Kingdom .....	190	510	2	9
Yugoslavia .....	2	4	---	---
Total .....	2,096	5,626	1,852	5,977

(Continued)

Footnotes at end of table.

## SPECIFIED COCOA PRODUCTS: U.S. IMPORTS BY COUNTRY OF ORIGIN--CONTINUED

Country of origin	January-September			
	1977		1978	
	Metric tons	1,000 dollars	Metric tons	1,000 dollars
Chocolate, sweetened, no butterfat: (TSUSA No. 156.3045)				
Canada .....	63	52	3	4
Denmark .....	---	---	(1/)	1
Dominican Republic .....	552	725	---	---
France .....	3	6	---	---
Germany, F.R. ....	25	79	8	31
Greece .....	1	4	---	---
Italy .....	1	15	---	---
Mexico .....	40	52	40	54
Netherlands .....	14	36	23	77
Switzerland .....	13	32	(1/)	1
Trinidad and Tobago .....	1	2	---	---
United Kingdom .....	18	19	---	---
Venezuela .....	---	---	(1/)	(2/)
Total .....	731	1,022	74	168
Chocolate, sweetened, over 5.5% butterfat: (TSUSA No. 156.3050)				
Ireland .....	926	891	1,718	1,992
Netherlands .....	---	---	10	38
United Kingdom .....	1,224	1,238	1,479	1,715
Total .....	2,150	2,129	3,207	3,745
Chocolate, sweetened, less than 5.5% butterfat: (TSUSA No. 156.3065)				
Ireland .....	413	410	435	399
Denmark .....	---	---	(1/)	1
Germany, F.R. ....	---	---	17	44
Total .....	413	410	452	444
Cocoa butter: (TSUSA No. 156.3500)				
Bolivia .....	39	133	47	181
Brazil .....	4,693	23,545	4,277	18,068
Cameroon .....	---	---	187	716
Canada .....	56	286	230	1,230
Colombia .....	170	736	481	2,058
Costa Rica .....	329	1,583	822	3,467
Dominican Republic .....	323	1,778	202	841
Ecuador .....	300	1,606	1,383	5,702
El Salvador .....	---	---	62	216
France .....	---	---	217	1,042
Germany, F.R. ....	14	6	6	25
Ghana .....	132	602	350	1,466
Haiti .....	2	3	---	---
Ivory Coast .....	5,017	29,400	6,012	25,440
Jamaica .....	10	45	8	35
Malaysia .....	317	1,670	352	1,729
Mexico .....	976	4,524	1,886	8,164
Netherlands .....	406	2,081	507	2,268
Peru .....	5	17	15	56
Philippines .....	610	2,994	497	1,971
Singapore .....	---	---	14	64
Spain .....	---	---	20	71
Switzerland .....	(1/)	(2/)	(1/)	3
United Kingdom .....	440	2,435	397	1,819
USSR .....	50	182	---	---
Venezuela .....	251	1,247	449	1,812
Total .....	14,140	74,873	18,421	78,444

(Continued)

Footnotes at end of table.

## SPECIFIED COCOA PRODUCTS: U.S. IMPORTS BY COUNTRY OF ORIGIN--CONTINUED

Country of origin	January-September			
	1977		1978	
	Metric tons	1,000 dollars	Metric tons	1,000 dollars
Cocoa, unsweetened and cocoa cake: (TSUSA No. 156.4000)				
Argentina .....	---	---	3	7
Bolivia .....	79	67	88	321
Brazil .....	13,308	34,103	15,042	60,156
Cameroon .....	1,116	3,356	131	564
Canada .....	2	6	---	---
China, People's Republic of ..	490	1,363	250	1,592
China, Republic of .....	50	154	---	---
Costa Rica .....	250	866	635	2,225
Dominican Republic .....	---	---	37	131
Ecuador .....	1,613	3,362	2,054	7,929
El Salvador .....	---	---	53	245
France .....	3,169	7,872	3,569	15,735
Germany, F.R. ....	7,400	13,148	9,145	40,104
Ghana .....	2,930	8,264	3,331	12,140
Guatemala .....	10	30	---	---
Haiti .....	18	56	---	---
Israel .....	1	1	7	13
Italy .....	---	---	(1/)	(2/)
Ivory Coast .....	4,938	11,586	7,027	33,878
Malaysia .....	454	1,130	939	4,463
Mexico .....	340	613	50	301
Nepal .....	19	64	---	---
Netherlands .....	17,243	50,261	17,908	94,338
Nigeria .....	570	1,051	1,069	4,446
Peru .....	---	---	12	39
Poland .....	---	---	36	182
Romania .....	200	660	---	---
Singapore .....	15	24	120	680
Spain .....	2	2	100	280
Sri Lanka .....	54	154	---	---
Switzerland .....	96	348	3	17
Trinidad and Tobago .....	36	69	---	---
United Kingdom .....	1,179	2,339	1,488	6,826
Venezuela .....	46	69	78	484
Yugoslavia .....	18	68	160	681
Total .....	55,646	141,086	63,335	287,777
Cocoa, sweetened:				
(TSUSA No. 156.4500)				
Brazil .....	118	311	---	---
Canada .....	(1/)	(2/)	---	---
Denmark .....	1	1	---	---
Dominican Republic .....	104	88	---	---
Germany, F.R. ....	(1/)	1	---	---
Leeward & Windward Islands ...	---	---	5	5
Mexico .....	---	---	(1/)	1
Netherlands .....	9	14	5	9
Philippines .....	---	---	(1/)	(2/)
Switzerland .....	5	11	---	---
Trinidad and Tobago .....	(1/)	1	---	---
Total .....	237	427	10	15

(Continued)

Footnotes at end of table.

## SPECIFIED COCOA PRODUCTS: U.S. IMPORTS BY COUNTRY OF ORIGIN--CONTINUED

Country of origin	January-September			
	1977		1978	
	Metric tons	1,000 dollars	Metric tons	1,000 dollars
Confectioners coatings: (TSUSA No. 156.4700)				
Canada .....	37	42	152	166
Costa Rica .....	73	296	---	---
Netherlands .....	---	---	2	2
Philippines .....	11	15	---	---
Sweden .....	72	123	79	154
Switzerland .....	10	21	8	24
United Kingdom .....	---	---	(1/)	1
Total .....	203	497	241	347
Candy and other confectionery containing cocoa and chocolate: (TSUSA No. 157.1040)				
Argentina .....	120	104	227	160
Australia .....	33	22	33	34
Austria .....	14	61	26	123
Belgium .....	62	168	38	241
Brazil .....	31	23	48	38
Canada .....	1,767	4,013	1,552	3,763
China, People's Republic of ..	4	2	1	2
China, Republic of .....	2	3	11	37
Colombia .....	20	16	4	8
Costa Rica .....	---	---	(1/)	(2/)
Denmark .....	110	253	100	199
Dominican Republic .....	1	1	2	2
Finland .....	67	108	64	151
France .....	6	31	15	51
Germany, F.R. ....	546	1,721	3,365	14,572
Greece .....	5	7	9	14
Hong Kong .....	15	24	56	88
Ireland .....	48	52	67	95
Israel .....	211	178	192	201
Italy .....	191	476	193	835
Japan .....	2	6	2	8
Mexico .....	119	105	334	333
Netherlands .....	532	924	415	900
Norway .....	3	20	6	26
Philippines .....	(1/)	2	(1/)	1
Poland .....	122	140	192	236
Portugal .....	---	---	6	25
South Africa .....	---	---	22	15
Spain .....	236	494	22	44
Sweden .....	139	240	195	301
Switzerland .....	487	1,661	486	2,459
Syria .....	2	3	---	---
Trinidad and Tobago .....	18	32	40	64
United Kingdom .....	3,064	5,835	1,343	3,576
USSR .....	6	5	1	1
Yugoslavia .....	8	19	9	19
Total .....	7,991	16,749	9,076	28,622

1/ Less than 500 kilograms. 2/ Less than \$500.

Source: U.S. Department of Commerce.

October 1978

Commodity Programs, FAS, USDA



**UNITED STATES DEPARTMENT OF AGRICULTURE  
WASHINGTON, D.C. 20250**

**OFFICIAL BUSINESS  
PENALTY FOR PRIVATE USE, \$300**

If you no longer need this publication, check here \_\_\_\_\_ and return this sheet and/or envelope in which it was mailed and your name will be dropped from mailing list.

If your address should be changed \_\_\_\_\_ **PRINT**  
OR TYPE the new address, including ZIP CODE and return the whole sheet and/or envelope to:

FOREIGN AGRICULTURAL SERVICE, Room 5918 So.  
U.S. Department of Agriculture  
Washington, D.C. 20250

**POSTAGE AND FEES PAID  
U.S. DEPARTMENT OF  
AGRICULTURE**



**AGR 101  
FIRST CLASS**

4959 ULSRRC196A122 10026 0001  
USDA LIBRARY SOUTHERN REGNL  
RES CNTR AL HJ  
BOX 19687  
NEW ORLEANS LA 70179